

To Whom It May Concern:

The Montana Department of Environmental Quality (DEQ) has prepared the following environmental assessment as required by law in ARM 17.4.607(2) and ARM 17.4.609(2). This project involves installing one 20,000 gallon and (2) two compartment 20,000 gallon Xerxes double wall fiberglass underground storage tank storing diesel fuel and associated double wall fiberglass piping at 3630 Gabel Rd, Billings, MT, 59102.

The DEQ prepares environmental assessments to inform interested government agencies, public groups, or individuals of a proposed action and to determine whether or not the action may have a significant effect on the human or natural environment. This environmental assessment will be circulated for seven days. After the seven-day comment period, DEQ will decide what action to take regarding this permit.

If you care to comment on this proposed project or the attached environmental assessment, please write or email the Permitting & Compliance Division. Comments must be in writing and must be received by July 17, 2007. Our email address is [ustprogram@mt.gov](mailto:ustprogram@mt.gov) and our mailing address is P.O. Box 200901, Helena, MT, 59620-0901.

Sincerely,

Redge R. Meierhenry  
Environmental Engineer Specialist  
Waste and Underground Tank Management Bureau

enc: Environmental Assessment

O/O NAME: Holiday, Inc.		FACILITY NO: 60-15065	
PERMIT NO: 08-0001		DATE OF APPLICATION: July 5, 2007	
PERSON PREPARING EA: Redge R. Meierhenry		COUNTY: Yellowstone	
LOCATION: 3630 Gabel Rd., Billings, MT 59102			
FACILITY NAME: Holiday StationStore 385		EA COMPLETED: July 9, 2007	
DESCRIPTION OF PROPOSED ACTION: The proposed scope of work is to install (1) 20,000 gallon and (2) 20,000 gallon two compartment double wall fiberglass underground storage tanks with underground double-walled fiberglass product and single wall fiberglass vent piping. Each tank will use a tank probe for leak detection install a Pressurized Line Leak Detector for line leak detection.			
DESCRIPTION OF THE BENEFITS AND PURPOSE OF THE PROPOSED ACTION: Purpose is to install new tanks and piping at new refueling station and convenience store. The benefits include more fuel choices.			

A: Significant unavoidable impacts  
 B: Potential significant impacts mitigated based upon license conditions  
 C: Insignificant as proposed

					POTENTIAL IMPACTS	
	A	B	C	LONG TERM	SHORT TERM	AMPLIFICATION
<b>PHYSICAL ENVIRONMENT</b>						
1. <b>TOPOGRAPHY:</b> Are there unusual geologic features? Will the surface features be changed?			X			Location is currently vacant semi-level land adjacent to I-90 Zoo Drive exit. The area is zoned commercial by City of Billings. There are no known unusual geologic features. Tank and appurtenant equipment will be buried underground.
2. <b>GEOLOGY AND SOIL QUALITY, STABILITY AND MOISTURE:</b> Are fragile, compactible or unstable soils present? Are there special reclamation considerations?			X			There are no known special reclamation considerations for the project site.
3. <b>WATER QUALITY, QUANTITY AND DISTRIBUTION:</b> Are important surface or groundwater resources present? Is there potential for violation of ambient water quality standards, drinking water maximum contaminant levels, or degradation of water quality?		X				Important water resources are present. There are public water supply distribution systems, numerous private ground water wells, irrigation canals, Canyon Creek and Yellowstone River within 2.0 mile radius of project location. Potential violation of ambient water quality standards, drinking water maximum contaminant levels, or degradation of water quality is mitigated by installation of double wall fiberglass tanks (non-corroding) and double wall fiberglass piping with dispenser and tank top sumps for leak

					POTENTIAL IMPACTS	
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						containment. Improper operation of this system would increase the potential for violation of ambient water quality standards, drinking water maximum contaminant levels, and the degradation of water quality. Leak detection systems serve to mitigate the potential impacts immediately reducing the amount of fuel available to be released into the environment.
4. <u>AIR QUALITY</u> : Will pollutants or particulate be produced? Is the project influenced by air quality regulations or zones (Class I airshed)?			X			Petroleum vapors will be released at this site. Natural air currents and vent pipes will dissipate hydrocarbon vapors to a safe level. There are no Class I Areas within 10 miles of project.
5. <u>DEMANDS ON ENVIRONMENTAL RESOURCES OF LAND, WATER, AIR OR ENERGY</u> : Will the project use resources that are limited in the area? Are there other activities nearby that will affect the project?			X			This project will not use existing environmental resources in the local area. It is unknown if there are other activities nearby that will be affected.
6. <u>IMPACTS ON OTHER ENVIRONMENTAL RESOURCES</u> : Are there other studies, plans or projects on this tract?			X			There are no known environmental studies, plans or projects that would impact environmental resources on this tract.
7. <u>TERRESTRIAL, AVIAN, AND AQUATIC LIFE AND HABITATS</u> : Is there substantial use of the area by important wildlife, birds or fish?			X			No known use of project site by important wildlife, birds or fish. Property area is zoned commercial adjacent to interstate I-90 exit.
8. <u>VEGETATION COVER, QUANTITY AND QUALITY</u> : Will vegetative communities be permanently altered? Are any rare plants or cover types present?			X			No known impacts are reported to the reviewer for this commercial area.
9. <u>UNIQUE, ENDANGERED, FRAGILE OR LIMITED ENVIRONMENTAL RESOURCES</u> : Are any federally listed threatened or			X			No federally listed threatened or endangered species, identified habitat, or species of

					<b>POTENTIAL IMPACTS</b>	
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endangered species or identified habitat present? Any wetlands? Any species of special concern?						special concern is identified by USFS or reported to the reviewer within 1.5 miles of the project site. There are no identified wetlands within 1.5 miles of project location.
10. <u>HISTORICAL AND ARCHEOLOGICAL SITE</u> : Are any historical, archeological or paleontological resources present?			X			There are numerous listed historical structures located within the city of Billings. There are no known archeological or paleontological resources reported to the reviewer.
11. <u>AESTHETICS</u> : Is the project on a prominent topographical feature? Will it be visible from populated or scenic areas? Will there be excessive noise, light or odors?			X			Area is vacant land that is zoned commercial by City of Billings. This proposal is aesthetically compatible with the proposed land use of the area (commercially zoned) adjacent to interstate I-90 exit. Development associated with this proposal is a C-store. Underground storage tank equipment will be buried underground.
12. <u>AGRICULTURE</u> : Will grazing lands, irrigation waters or crop production be affected?			X			No known impacts. No agricultural lands are presently in use at project site.
<b>HUMAN ENVIRONMENT</b>						
1. <u>SOCIAL STRUCTURES AND MORES</u> : Is some disruption of native or traditional lifestyles or communities possible?			X			It is not anticipated that the project will disrupt native or traditional lifestyles or communities.
2. <u>CULTURAL UNIQUENESS AND DIVERSITY</u> : Will the action cause a shift in some unique quality of the area?			X			It is not anticipated that the project will cause a shift in any unique quality of the area.
3. <u>DENSITY AND DISTRIBUTION OF POPULATION AND HOUSING</u> : Will the project add to the population and require additional housing?			X			It is not anticipated that the project will add to the population or require additional housing.
4. <u>HUMAN HEALTH &amp; SAFETY</u> : Will this project add to health and safety risks in the		X				It is anticipated that natural air currents and tank vents will dissipate

					<b>POTENTIAL IMPACTS</b>	
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area?						<p>the hydrocarbon vapors to a safe level. Leak detection equipment is designed to detect releases before serious health or safety problems occur.</p> <p>Improper operation of this system could impact human health and safety. Leak detection systems and operating requirements mitigate this potential impact by immediately reducing the amount of fuel available to be released into the environment where it could impact health and human safety.</p>
5. <u>COMMUNITY &amp; PERSONAL INCOME:</u> Will the facility generate or degrade income?			X			This project is not anticipated to significantly generate or degrade community or personal income in the local area.
6. <u>QUANTITY AND DISTRIBUTION OF EMPLOYMENT:</u> Will the project create, move or eliminate jobs? If so, estimate jobs.			X			This project is not anticipated to create additional new local jobs. However, it is anticipated that the C-store associated with this proposal may generate unknown number of additional jobs.
7. <u>LOCAL AND STATE TAX BASE REVENUES:</u> Will the project create or eliminate tax revenue?			X			This project is not anticipated to add to the local and state tax base. However, it is anticipated that the C-store associated with this proposal will generate additional local and state tax revenue.
8. <u>DEMAND FOR GOVERNMENT SERVICES:</u> Will substantial traffic be added to existing roads? Will other services (fire protection, police, schools, etc.) be needed?			X			It is anticipated that the result of the proposed project will add to the local traffic flow. However, the property is zoned commercial and designed for commercial development. Other required services will be minimally impacted.

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9. <u>INDUSTRIAL, COMMERCIAL AND AGRICULTURAL ACTIVITIES AND PRODUCTION</u> : Will the project add to or alter these activities?			X			No significant impacts are anticipated that are related to this project.
10. <u>ACCESS TO AND QUALITY OF RECREATIONAL AND WILDERNESS ACTIVITIES</u> : Are wilderness or recreational areas nearby or accessed through this tract? Is there recreational potential within the tract?			X			No designated recreational or wilderness areas are accessed through the project location.
11. <u>AESTHETICS</u> : Is the project on a prominent topographical feature? Will it be visible from populated or scenic areas? Will there be excessive noise, light or odors?			X			Petroleum storage tank and piping are buried underground. It is not anticipated that this project will change the aesthetics of the area that is currently proposed to be commercial development.
12. <u>LOCALLY ADOPTED ENVIRONMENTAL PLANS AND GOALS</u> : Are there state, county, city, USFS, BLM, tribal, etc., zoning or management plans in effect?			X			There is no known county, tribal, USFS or BLM environmental management plans that would impact this project development. The proposed project and associated development is in conformance with current City of Billings zoning requirements.
13. <u>TRANSPORTATION</u> : Will the project affect local transportation networks and traffic flow?			X			This project is expected to affect immediately adjacent local transportation network and traffic flow. However, the local transportation network is designed to accommodate this and other proposed commercial development.

PUBLIC INVOLVEMENT: The department has attempted to identify interested parties to this application and provide the opportunity for public comment. A copy of this Environmental Assessment of the proposed underground storage tank installation has also been posted at our website (<http://www.deq.state.mt.us/ea.asp>). Substantive comment may also be provided to email address at [ustprogram@mt.gov](mailto:ustprogram@mt.gov)

ALTERNATIVES CONSIDERED: No other alternatives were presented or considered.

COMPLIANCE STATUS: This project, as permitted, will be in compliance with the UST regulations. The facility must, however, be operated and maintained in accordance with the UST rules and regulations. This facility is required to have a compliance inspection done within 120 days of the installation of the tank systems.

RECOMMENDATIONS CONCERNING PREPARATION OF AN EIS: Not necessary at this time based upon the information reviewed. The project, as proposed with mandatory operating and permit conditions, will not have a significant environmental impact.

OTHER GROUPS OR AGENCIES CONTACTED OR WHICH MAY HAVE OVERLAPPING JURISDICTION: The Montana Department of Justice, Fire Prevention and Investigation Bureau regulates aboveground components.

INDIVIDUALS OR GROUPS CONTRIBUTING TO THIS EA: The owner, the contractor, and the preparer of the EA.

PERMIT CONDITION EFFECTS: Permit conditions are based on Montana and federal regulations, PEI RP100-2000 and accepted standard engineering practices.

cc: Governor's Office  
Legislative Environmental Policy Office

Tank Location



